

RECEIVED

OFFICIAL GROUP 1600

JUN 05 2002

Docket: 7164.01

Date of Notice of Allowability: May 14, 2002

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Firm Named	Eric Henderson	Examiner:	J. Fredman
Inventor:		Group Art Unit:	1637
Application No.:	09/574,519		
Filing Date:	May 18, 2000		
Title:	METHOD AND APPARATUS FOR SOLID STATE MOLECULAR ANALYSIS		

AMENDMENT AFTER ALLOWANCE  
(UNDER 37 CFR 1.312)

## Box ISSUE FEE

Assistant Commissioner for Patents  
Washington, D.C. 20231I certify that this communication is being sent via facsimile to the  
attention of Examiner Jeffrey Fredman, Ph.D. at (703) 305-3014  
on this 4<sup>th</sup> day of June 2002  
Signature: James C. Cross

Sir:

Please amend the above-identified application as follows:

Match &amp; Return

## IN THE CLAIMS

Please cancel claim 66. Please amend claims 56, 76, 83, 89, and 91 as follows:

156. (Fourth Amended) A molecular array for characterizing molecular interaction events, comprising:

- (a) a substrate; and
- (b) at least one discrete molecular deposition domain on said substrate wherein the spatial address of the domain is less than one micron squared in area and each domain includes a biologically or chemically based molecule deposited on the substrate at a pre-selected location.

276. (Twice Amended) An array for the identification of a target material comprising:  
a substrate including a substantially flat surface; and

Match and Return